

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/GB2004/003140

A. CLASSIFICATION OF SUBJECT MATTER				
IPC 7	B01D53/32	A61L9/22	F24F3/16	H01T23/00
				C01B13/11
				H01T19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B01D A61L F24F H01T B01J C01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 298 08 126 U (EUROMEDICO MEDIZINTECHNIK GMBH) 3 September 1998 (1998-09-03) page 4, paragraph 6 – page 5, paragraph 1 page 6, paragraph 5 – page 10, paragraph 1; claims; figures 1, 2	1, 2, 5-14
Y	-----	3, 4
X	EP 1 249 265 A (DEPARIA ENGINEERING S R L) 16 October 2002 (2002-10-16) the whole document	1, 2, 5-7, 11-14
X	WO 03/028880 A (ATMOSPHERIC GLOW TECHNOLOGIES ; KELLY-WINTENBERG KIMBERLY (US); SOUTH) 10 April 2003 (2003-04-10) page 11, paragraph 36 – page 12, paragraph 41 page 21, paragraph 67; figures 1-10	1, 2, 5-7, 11-14

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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

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Date of the actual completion of the international search

5 November 2004

Date of mailing of the international search report

15/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 087 428 A (WELFORD BARRY ET AL) 11 February 1992 (1992-02-11) column 3, line 24 - column 5, line 64; figures 1-6 -----	3,4
A	US 2003/131439 A1 (WEN SHREE H) 17 July 2003 (2003-07-17) paragraph '0025! - paragraph '0031!; figures 1-7 -----	1-14
A	EP 0 824 041 A (WEIN PRODUCTS INC) 18 February 1998 (1998-02-18) column 1, line 51 - column 2, line 38 column 3, line 34 - column 5, line 12; figures 1-5 -----	1-14

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/GB2004/003140

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
DE 29808126	U	03-09-1998	DE	29808126 U1	03-09-1998
EP 1249265	A	16-10-2002	IT EP	MI20010816 A1 1249265 A1	14-10-2002 16-10-2002
WO 03028880	A	10-04-2003	EP WO US	1450944 A1 03028880 A1 2004184972 A1	01-09-2004 10-04-2003 23-09-2004
US 5087428	A	11-02-1992	AU CA WO DE DE EP JP	7887091 A 2083967 A1 9118662 A1 69112211 D1 69112211 T2 0532547 A1 5507437 T	31-12-1991 01-12-1991 12-12-1991 21-09-1995 18-04-1996 24-03-1993 28-10-1993
US 2003131439	A1	17-07-2003	EP WO	1471989 A1 03059492 A1	03-11-2004 24-07-2003
EP 0824041	A	18-02-1998	US EP JP US US	5667564 A 0824041 A2 10180139 A 6042637 A 5814135 A	16-09-1997 18-02-1998 07-07-1998 28-03-2000 29-09-1998